

09/316,539

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FIG. 1

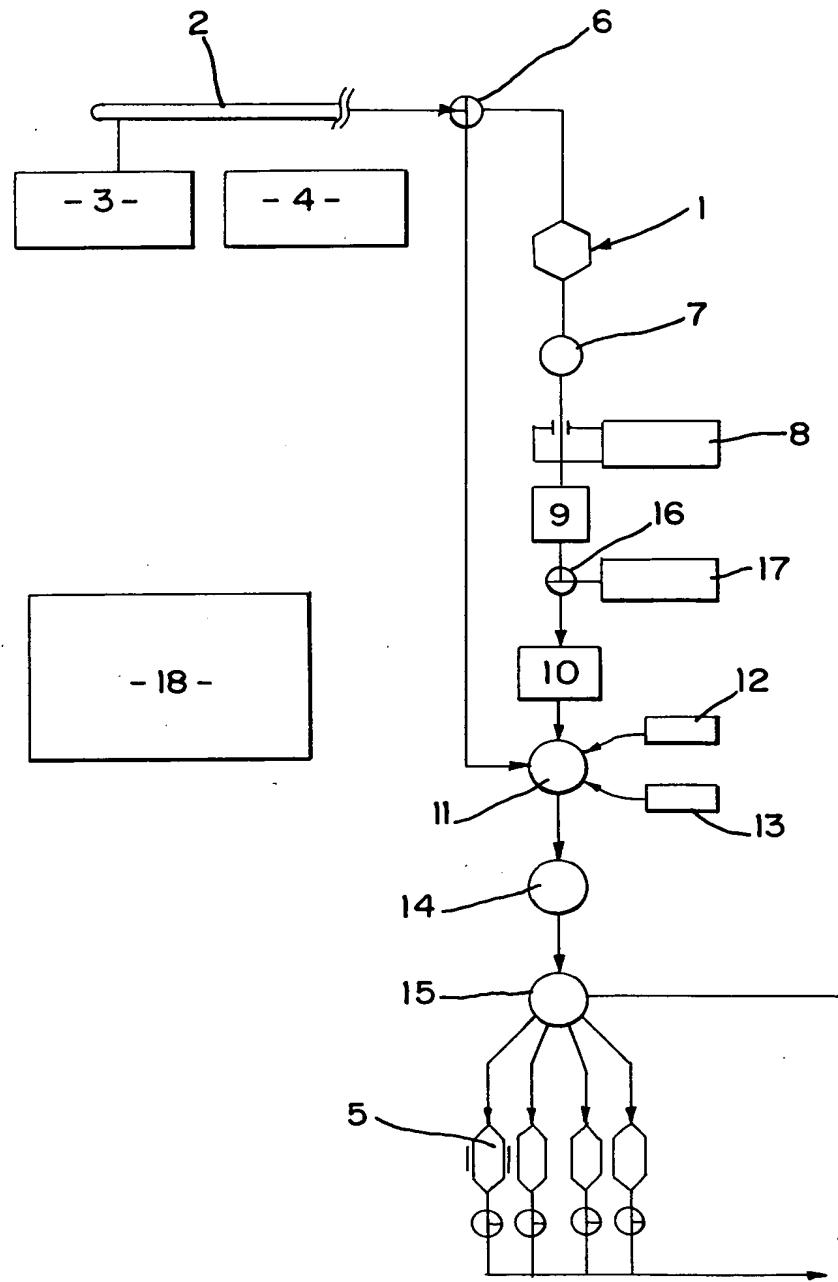


FIG. 2

ACTIVITY OF CATHEPSIN B

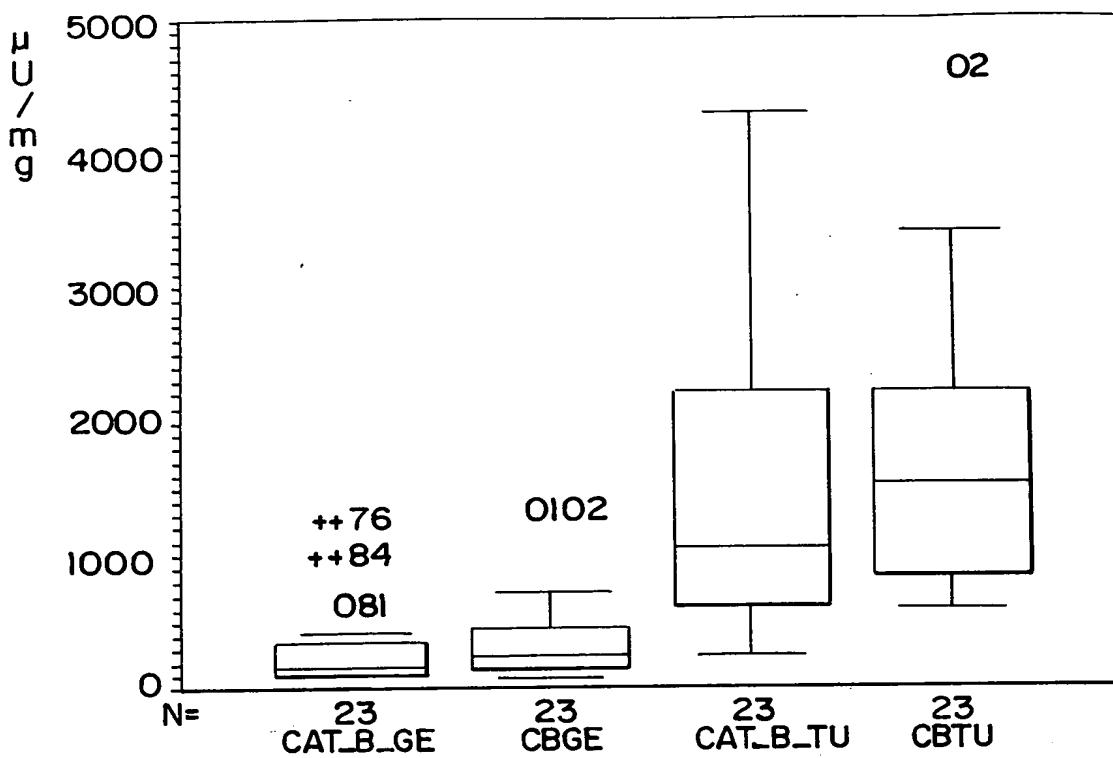


FIG. 3

AMOUNT OF PROTEIN

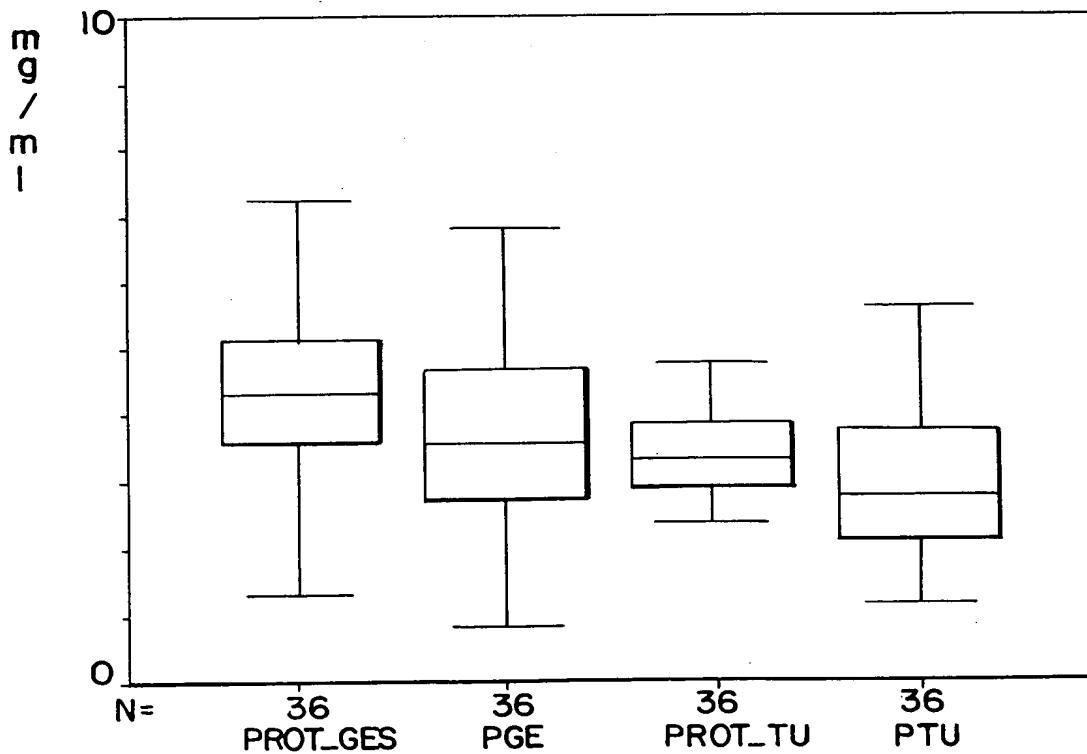


FIG. 4

ACTIVITY OF CATHEPSIN B

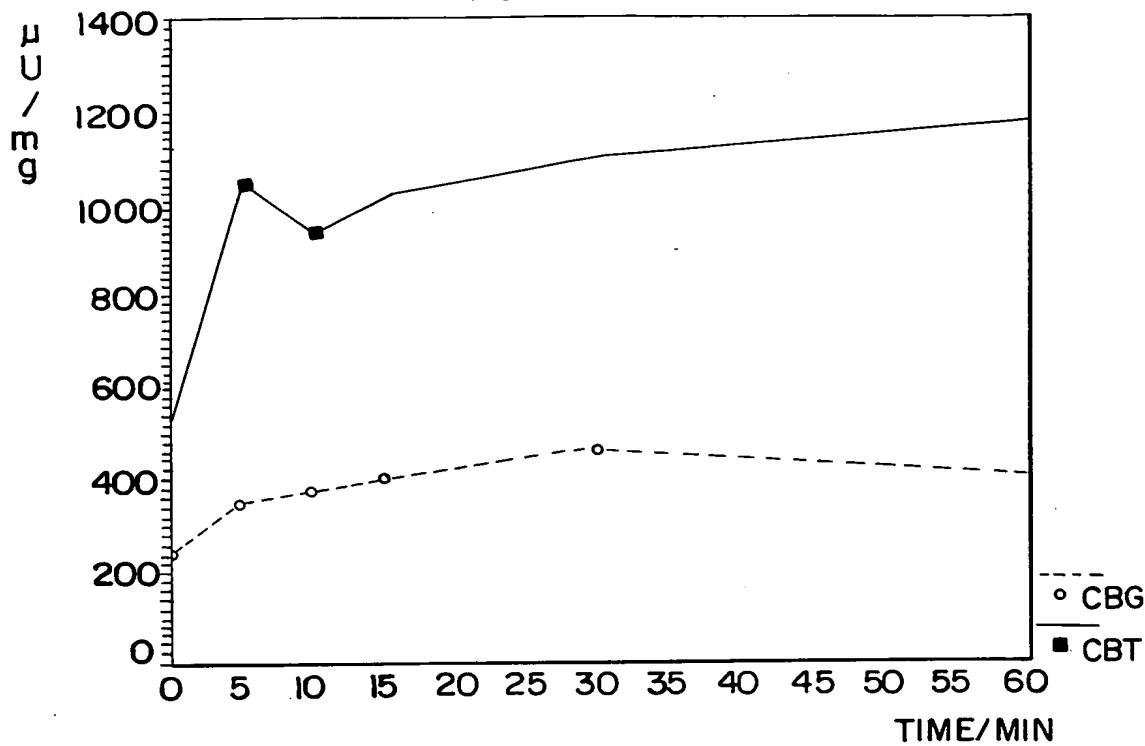


FIG. 5

ACTIVITY OF CATHEPSIN H

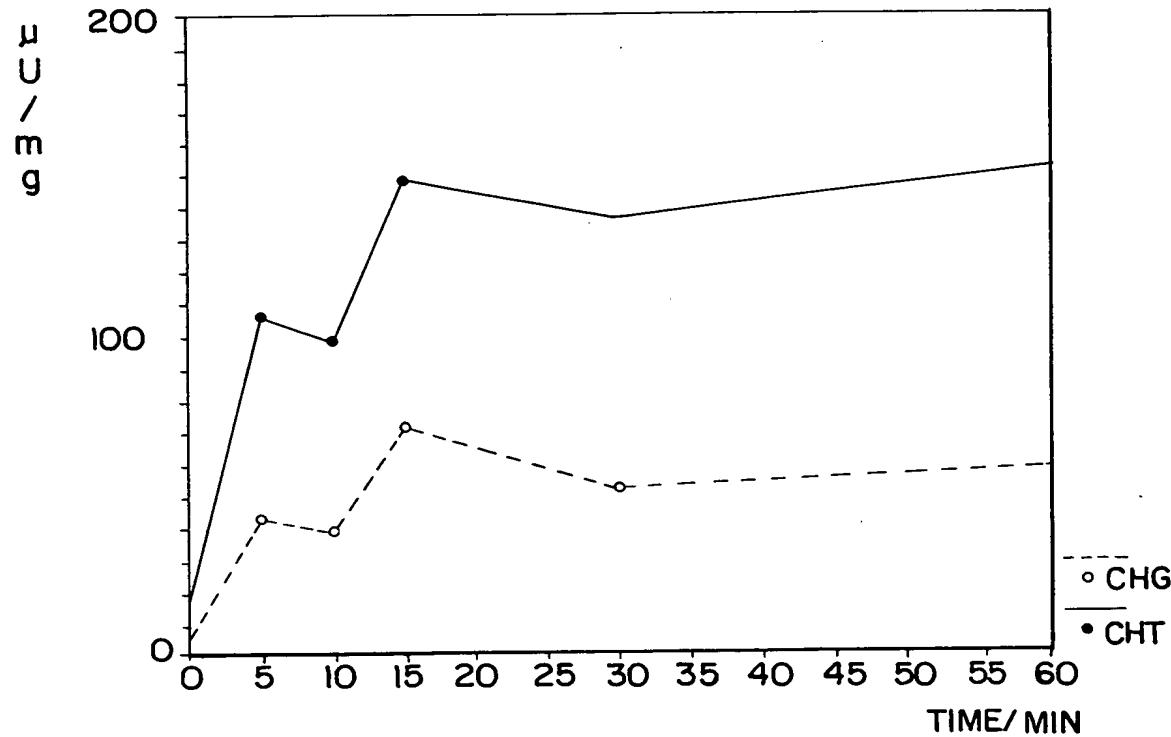


FIG. 6

ACTIVITY OF CATHEPSIN L

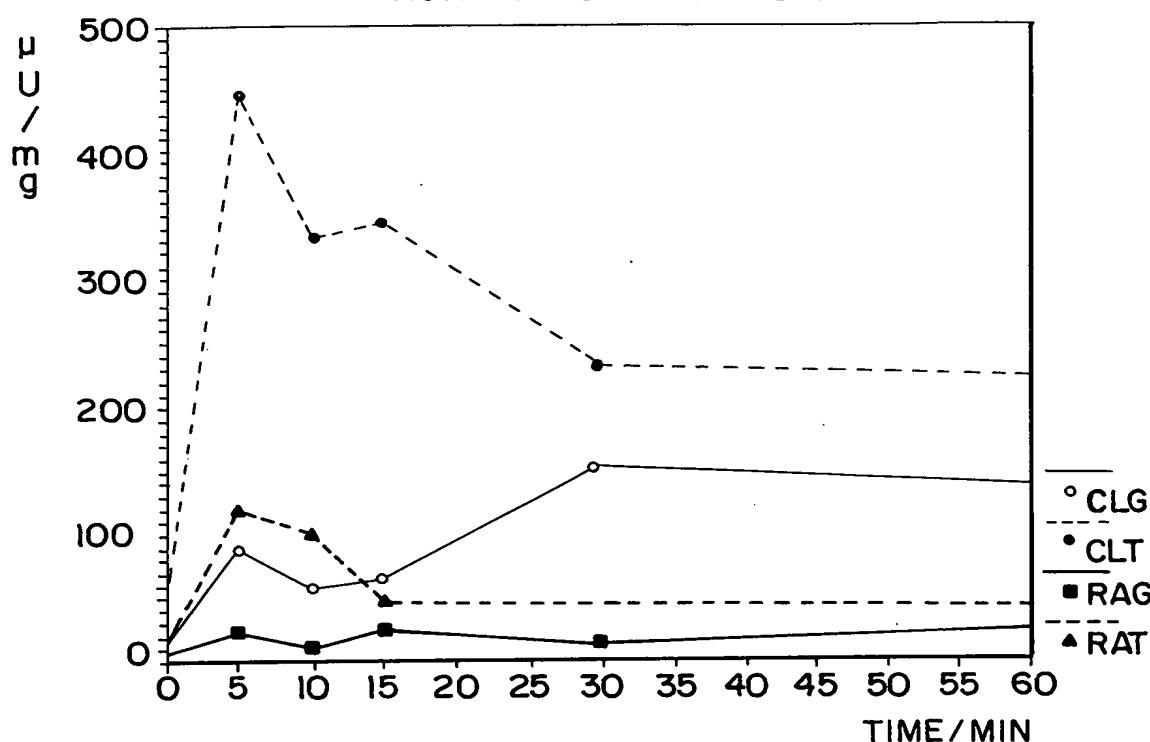


FIG. 7

AMOUNT OF PROTEIN

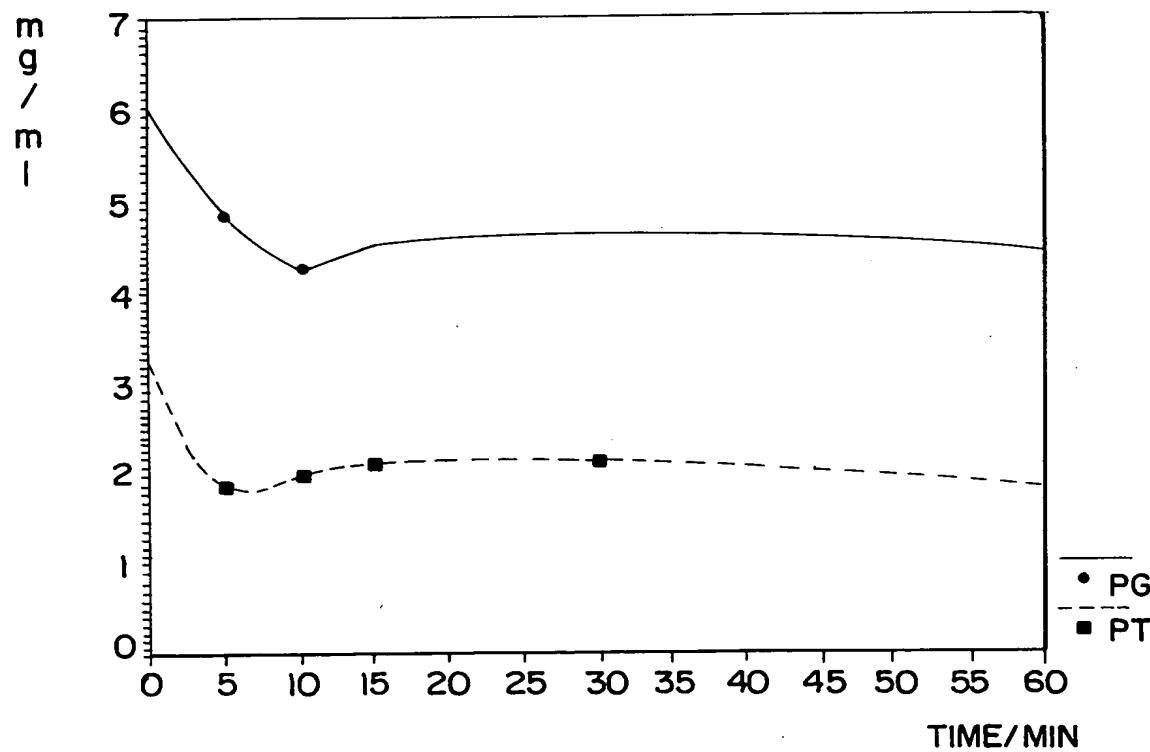
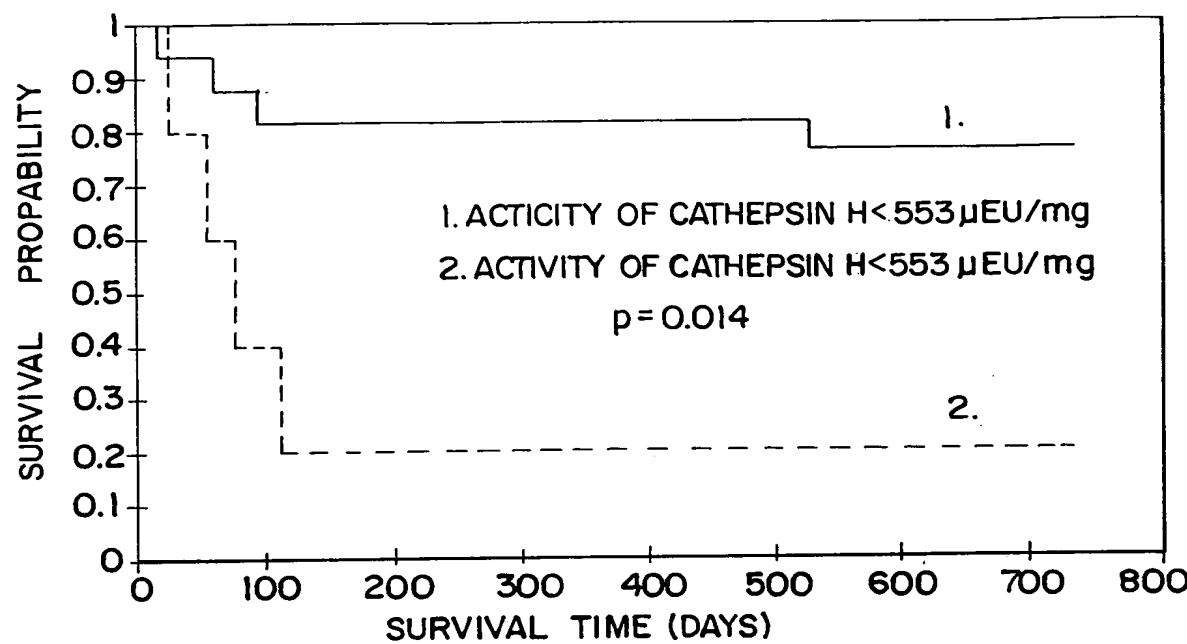


FIG. 8

KAPLAN-MEIER GRAPH (SURVIVAL-GRAPH)



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FIG. 9

DEVICE FOR A QUICK TEST

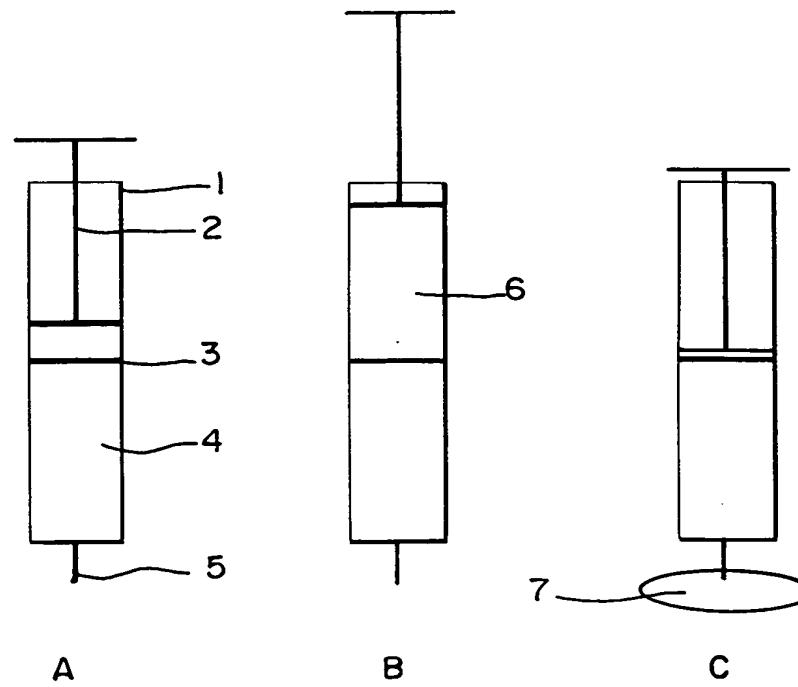


Fig. 1

JC510 U.S. PRO
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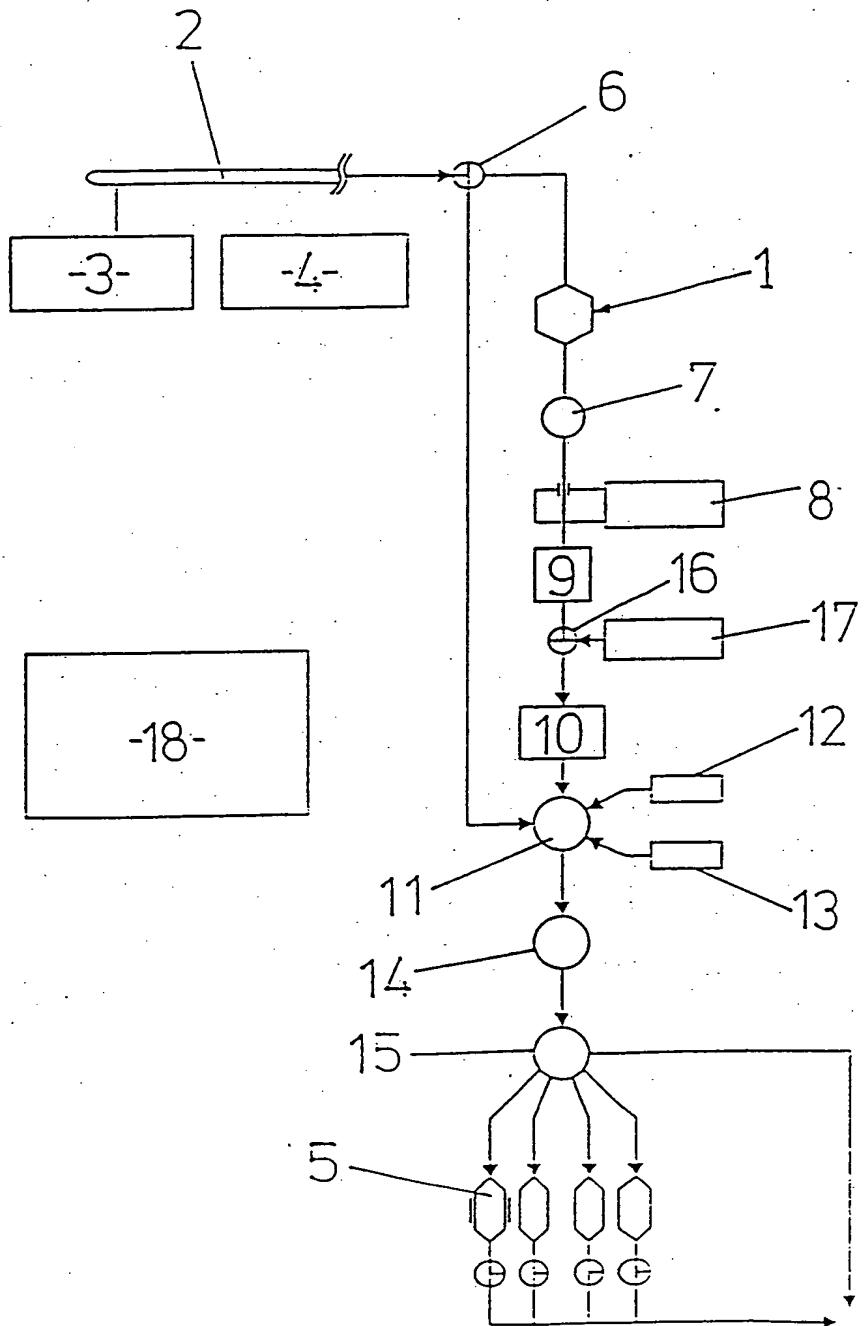
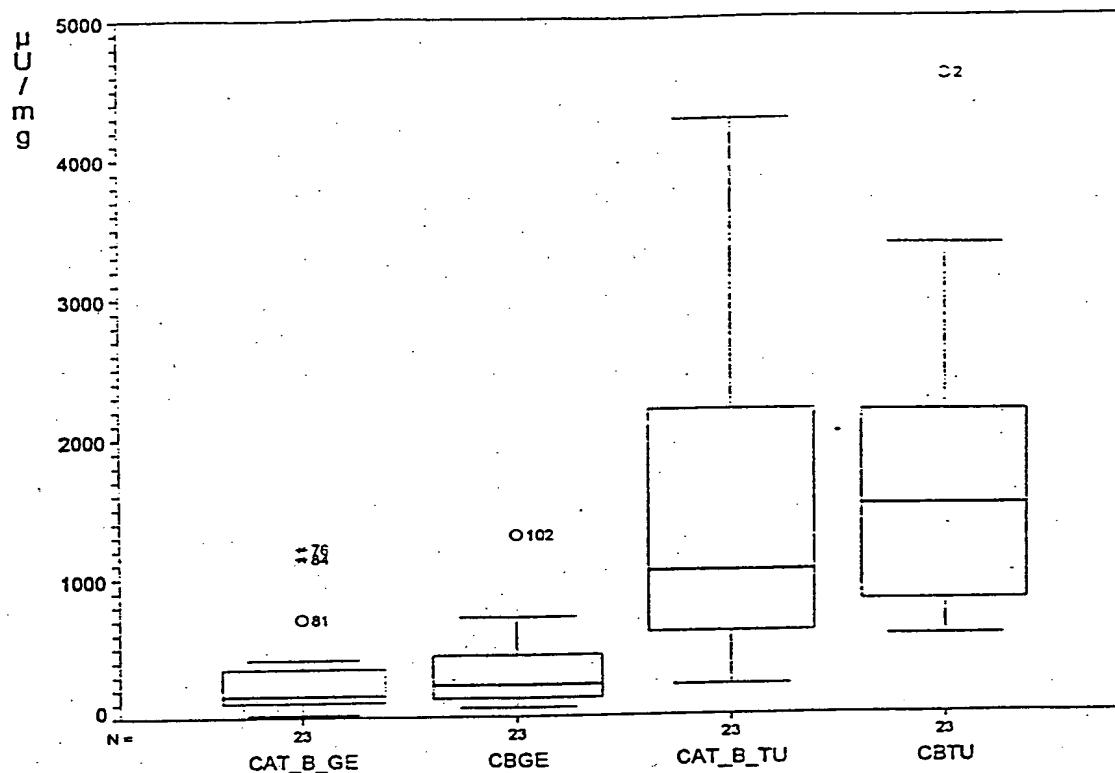



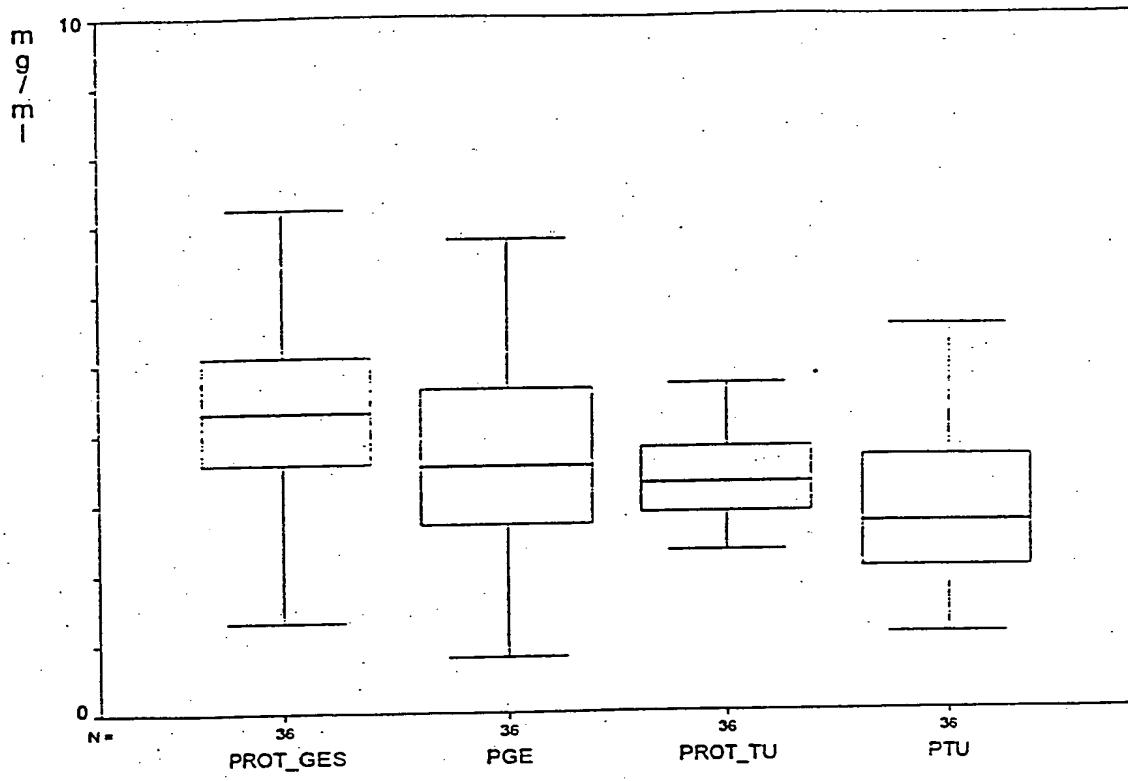
Fig. 2 Activity of cathepsin B



LEGEND:

- CAT_B_GE: Activity of cathepsin B of healthy lung tissue before withdrawing the inhibitor.
- CAT_B_TU: Activity of cathepsin B of tissue, showing a tumor in the lung, before withdrawing the inhibitor.
- CBGE: Activity of cathepsin B of healthy lung tissue after withdrawing the inhibitor.
- CBTU: Activity of cathepsin B of tissue, showing a tumor in the lung, after withdrawing the inhibitor.
- N: Case number.
- Y-axis: activity in $\mu\text{U}/\text{mg protein}$.

Fig. 3 Amount of protein



LEGEND: PROT_GES: Amount of protein of healthy lung tissue before withdrawing the inhibitor.

PROT_TU: Amount of protein of tissue, showing a tumor in the lung, before withdrawing the inhibitor.

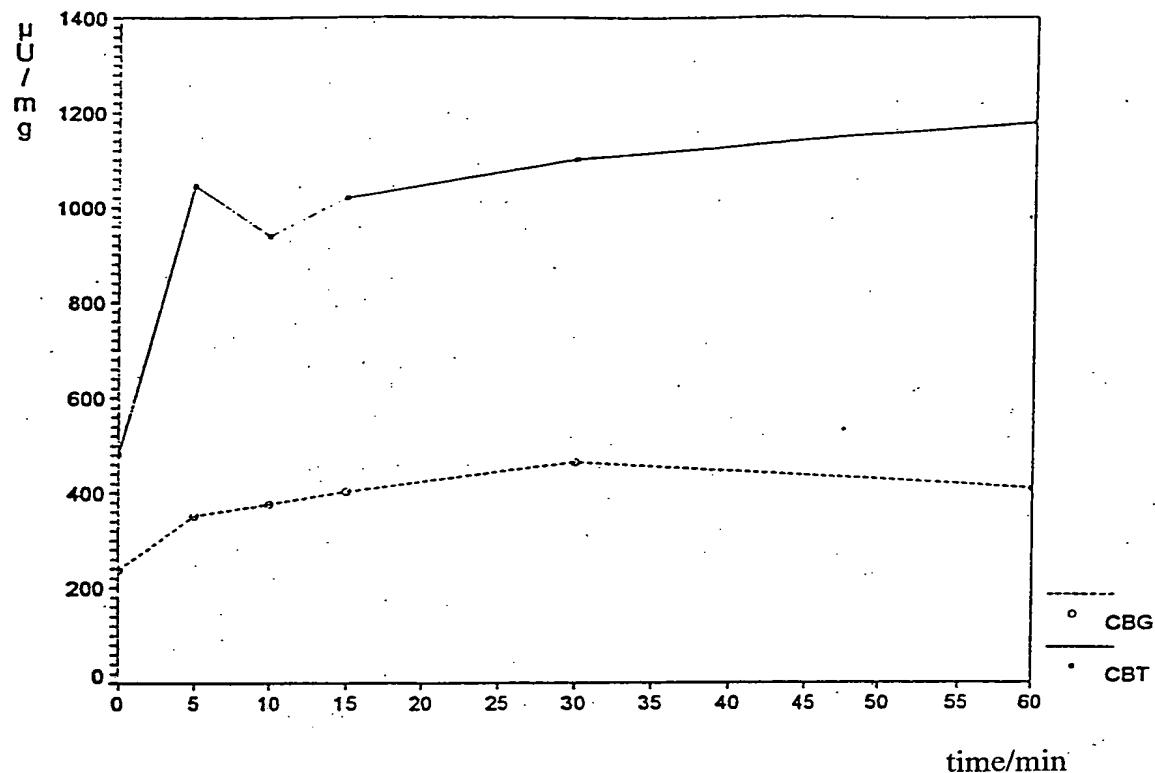
PGE: Amount of protein of healthy lung tissue after withdrawing the inhibitor.

PTU: Amount of protein of tissue, showing a tumor in the lung, after withdrawing the inhibitor.

N: Case number.

Y-axis: Amount of protein in mg/ml.

Fig. 4 Activity of cathepsin B



LEGEND: CBG:

Activity of cathepsin B of healthy lung tissue
before and after withdrawing the inhibitor.

CBT:

Activity of cathepsin B of tissue, showing a tumor in the lung,
before and after withdrawing the inhibitor.

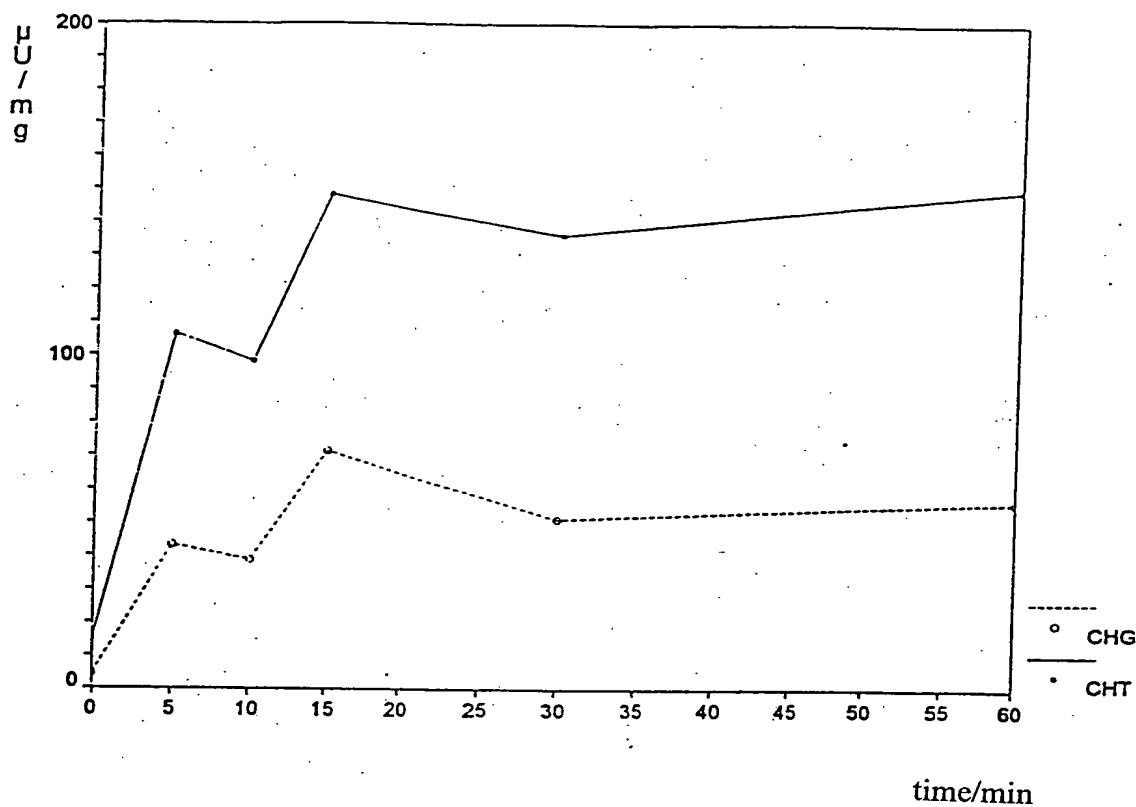
X-axis:

Time in minutes; 0 min refers to the state before and the
other values to the state after withdrawing the inhibitor.

Y-axis:

activity in $\mu\text{U}/\text{mg}$ protein.

Fig. 5 Activity of cathepsin H



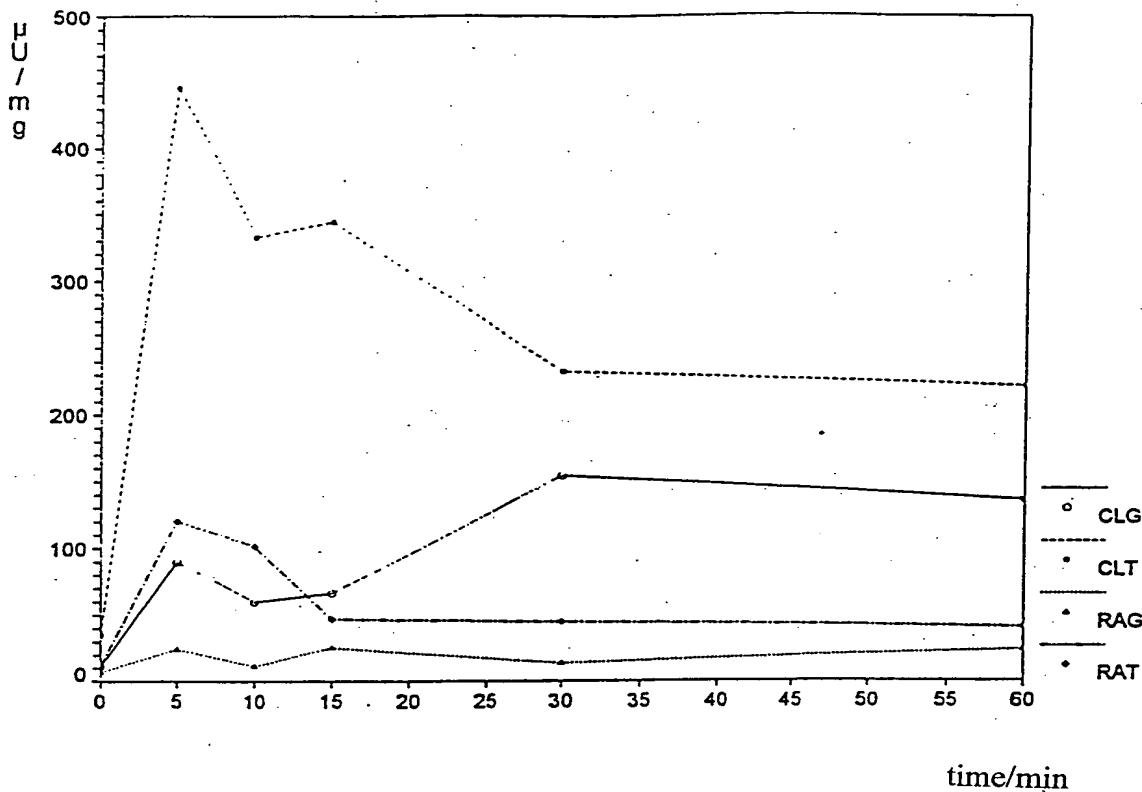
LEGEND: CHG: Activity of cathepsin H of healthy lung tissue before and after withdrawing the inhibitor.

CHT: Activity of cathepsin H of tissue, showing a tumor in the lung, before and after withdrawing the inhibitor.

X-axis: Time in minutes; 0 min refers to the state before and the other values to the state after withdrawing the inhibitor.

Y-axis: activity in μ U/mg protein.

Fig. 6 Activity of cathepsin L



LEGEND: CLG: Activity of cathepsin H of healthy lung tissue before and after withdrawing the inhibitor.

CLT: Activity of cathepsin H of tissue, showing a tumor in the lung, before and after withdrawing the inhibitor.

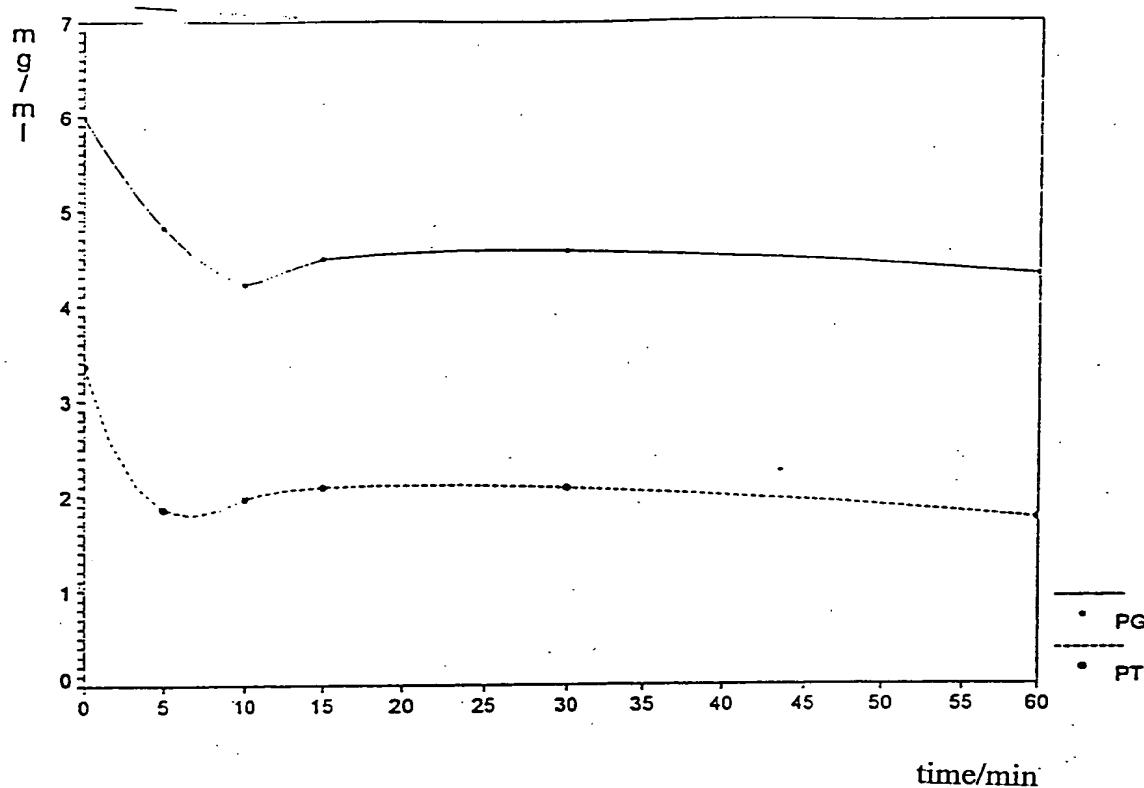
RAG: Remaining activity of CLG after adding of a specific inhibitor for cysteine proteinases (E64).

RAT: Remaining activity of CLT after adding of E64.

X-axis: Time in minutes; 0 min refers to the state before and the other values to the state after withdrawing the inhibitor.

Y-axis: activity in μ U/mg protein.

Fig. 7 Amount of protein



LEGEND: PG:

Amount of protein of healthy lung tissue
before and after withdrawing the inhibitor.

PT:

Amount of protein of tissue, showing a tumor in the lung,
before and after withdrawing the inhibitor.

X-axis:

Time in minutes; 0 min refers to the state before and the other
values to the state after withdrawing the inhibitor.

Y-axis:

Amount of protein in mg/ml.

FIG. 8

Kaplan-Meier Graph (Survival-Graph)

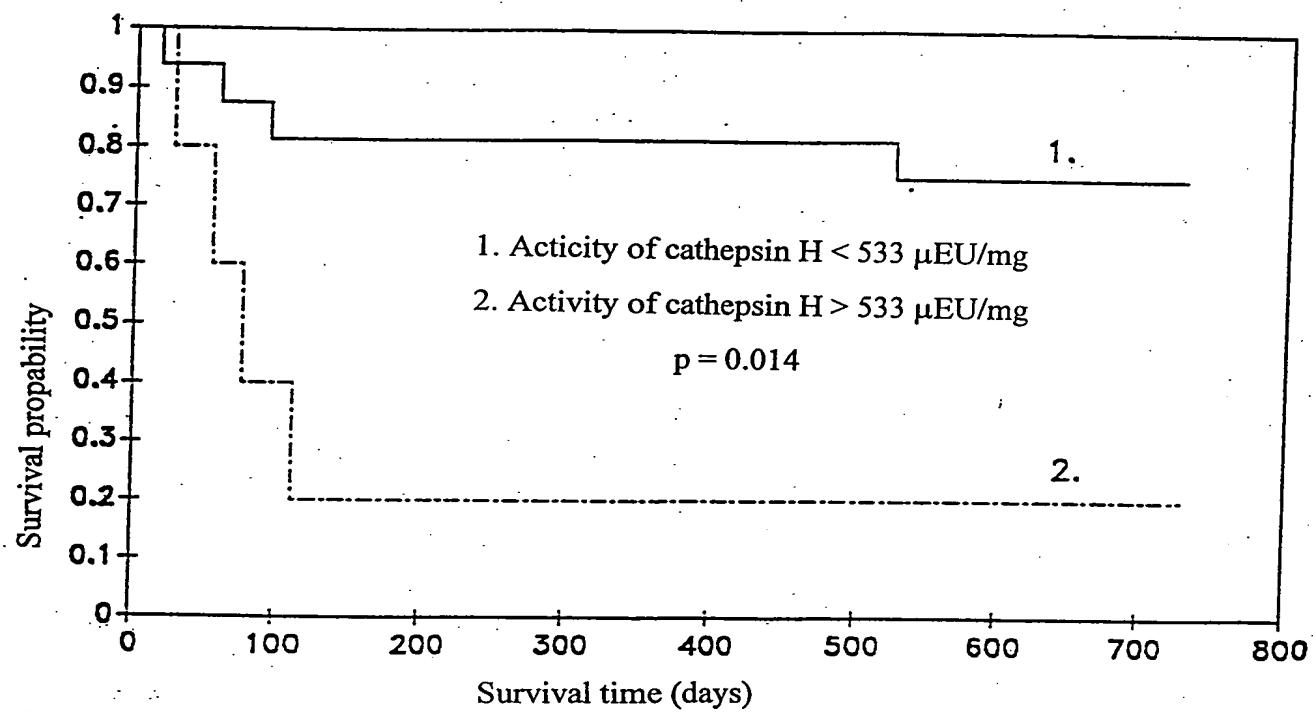
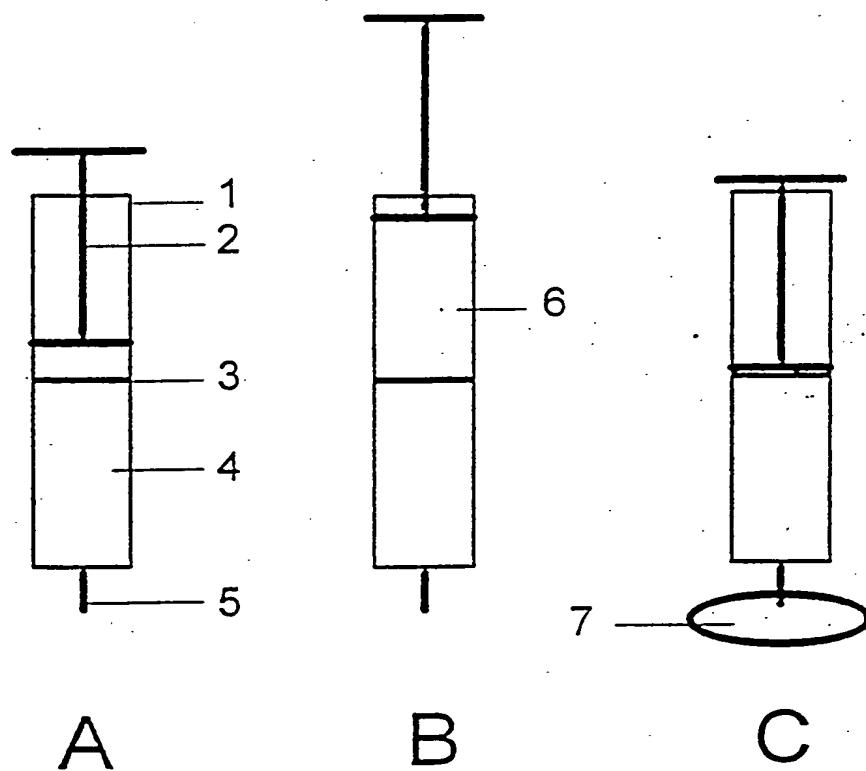


FIG. 9

Device for a quick test



LEGEND:

- A: State before use
- B: State after sucking in the sample
- C: State after filling in the sample in the reaction vessel

- 1: Syringe
- 2: Plunger
- 3: Microfilter
- 4: Chromatographic carrier with enzyme coupled to it
- 5: Aperture of the syringe for filling in and discharging the sample, provided with a microfilter
- 6: Space filled with liquid
- 7: Reaction vessel